

ABSTRACT

1 A multi-sectored, multiple access communication system
2 provides for low-skew sector transceiver clocks by
3 novelly utilizing a multi-tap digital Phase-Locked Loop
4 (PLL) in the delay match circuitry of each transceiver to
5 efficiently and inexpensively generate clock signals for
6 each transceiver that are temporally aligned within
7 acceptable limits of the other transceivers. The
8 inventive system and method obviate the need for matching
9 the lengths of all of the cables connecting the base
10 station ("master sector equipment") to the transceivers
11 ("slave sector equipment"), and also reduces the power
12 requirement as a byproduct.

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